

<b>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</b>	
<b>Declaration under 37 CFR 1.132</b>	Atty. Docket No. <b>BERR1100-1</b>
Applicants <b>Keith L. Berrier</b>	
Application Number <b>10/799,560</b>	Date Filed <b>03/11/2004</b>
Title <b>Systems and methods for reconstructing information using a Duncan and Horn formulation of the Kalman filter for regularization</b>	
Group Art Unit <b>3709</b>	Examiner <b>Patton, Amanda K.</b>
Confirmation Number: <b>7773</b>	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

My name is Dirar S. Khoury, Ph.D.

I am a researcher at The Methodist Hospital in Houston, Texas. I am also an adjunct professor at Rice University in Houston, Texas

I served as an advisor to Keith Berrier during his graduate studies at Rice University in Houston, Texas, and also served as a member of Mr. Berrier's doctoral committee.

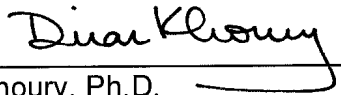
As an advisor and doctoral committee member, I provided guidance to Mr. Berrier in his research and in the writing of his doctoral dissertation and other papers related to his research.

As a result of providing this guidance to Mr. Berrier, I was named as a co-author on one or more of the papers written by Mr. Berrier in connection with his doctoral research (including, for example, Berrier KL, Sorensen DC, Khoury DS, "Solving the Inverse Problem of Electrocardiography Using a Duncan and Horn Formulation of the Kalman Filter, IEEE Trans. Biomed. Eng., 2004 March, 51(3): 507-15).

Declaration of  
Dirar S. Khoury, Ph.D.

While I was named as a co-author of these papers, the subject matter of the papers, namely the use of a Duncan and Horn formulation of the Kalman filter for regularization of an inverse problem as claimed in U.S. Patent Application No. 10/799,560, was conceived and developed by Mr. Berrier, and not by myself.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true. I acknowledge that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001) and may jeopardize the validity of the application or any patent issuing thereon.



Dirar S. Khoury, Ph.D.

Date: April 14, 2008